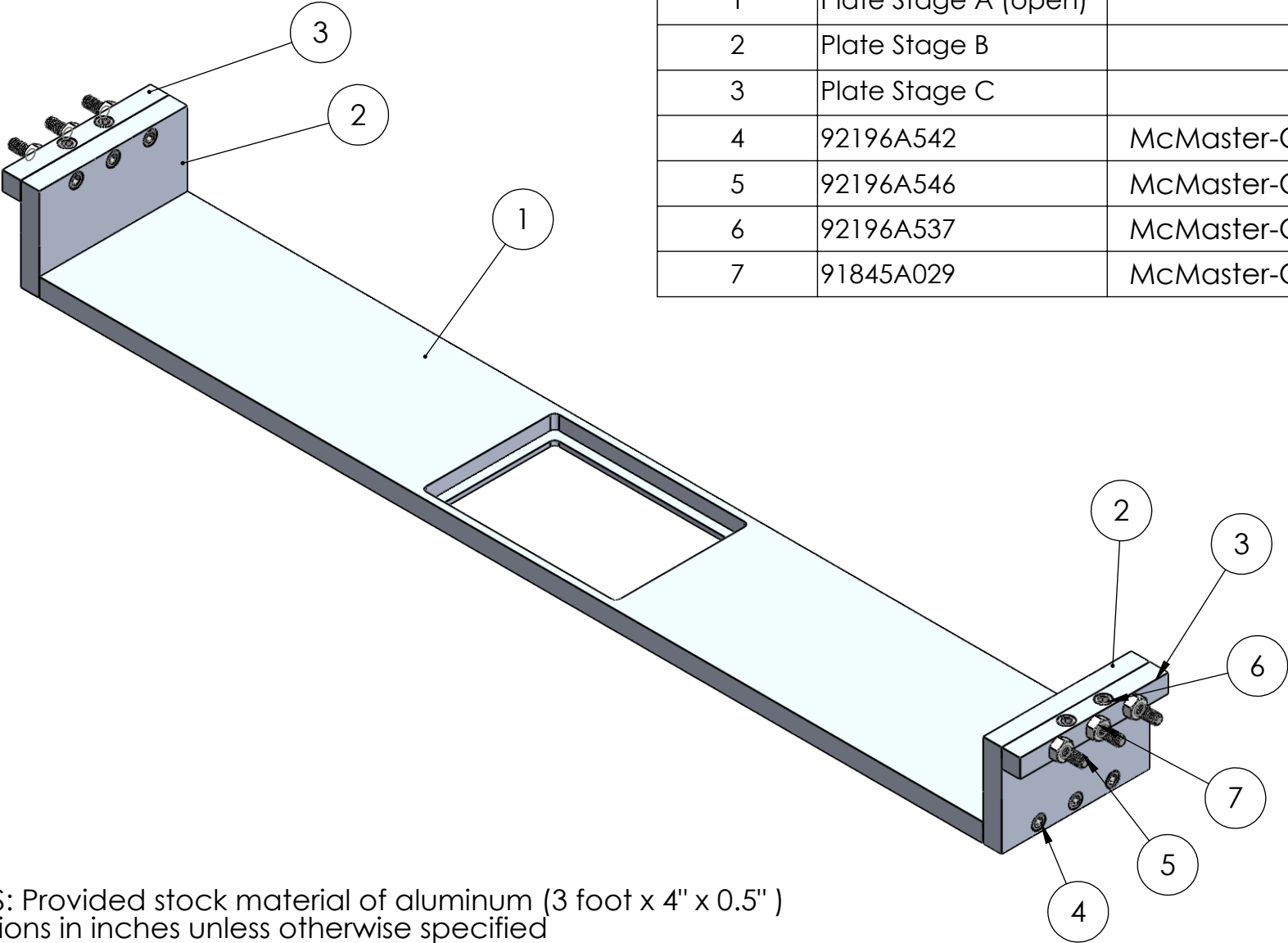


Job Title: Tissue Culture Plate Stage for Large Waterbath
Version #1
April 11, 2020
Contact: David Mittelstein (dmittels@caltech.edu)
Grant ID: #####

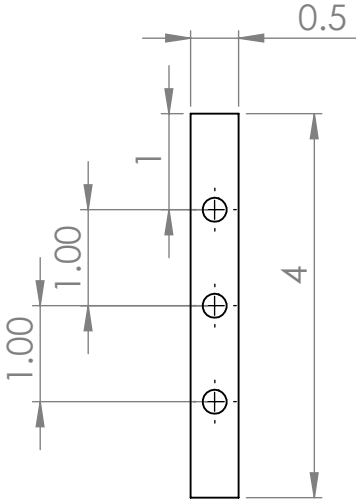
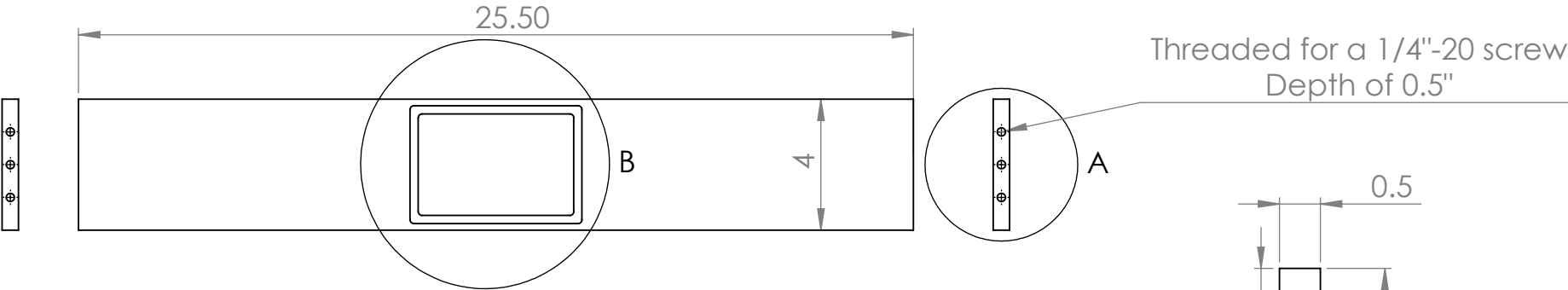
ITEM NO.	PART NUMBER	MANUFACTURER	QTY.
1	Plate Stage A (open)		1
2	Plate Stage B		2
3	Plate Stage C		2
4	92196A542	McMaster-Carr	6
5	92196A546	McMaster-Carr	6
6	92196A537	McMaster-Carr	4
7	91845A029	McMaster-Carr	6



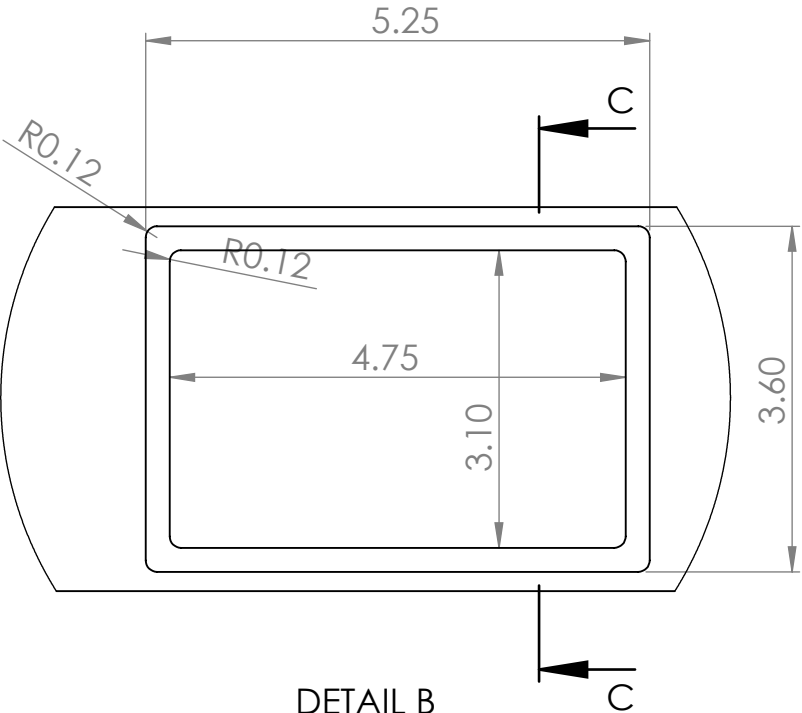
MATERIALS: Provided stock material of aluminum (3 foot x 4" x 0.5")
All dimensions in inches unless otherwise specified
All screws are 1/4"-20 socket head screws

The width of the part (4") is less important than other measurements, can accept +/- 0.5" tolerance
The thickness of the part elements (0.5") can accepte +/- 0.05" tolerance
Other measurements can accept +/- 0.005" tolerance

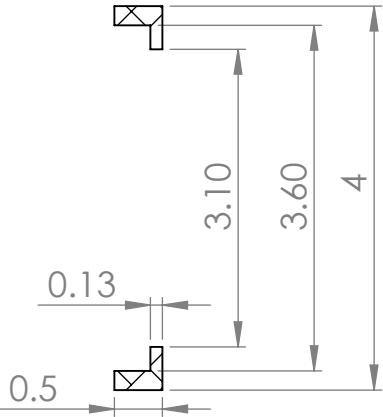
Part Name: Plate Stage A (open)
Quantity: 1



DETAIL A
SCALE 1 : 2



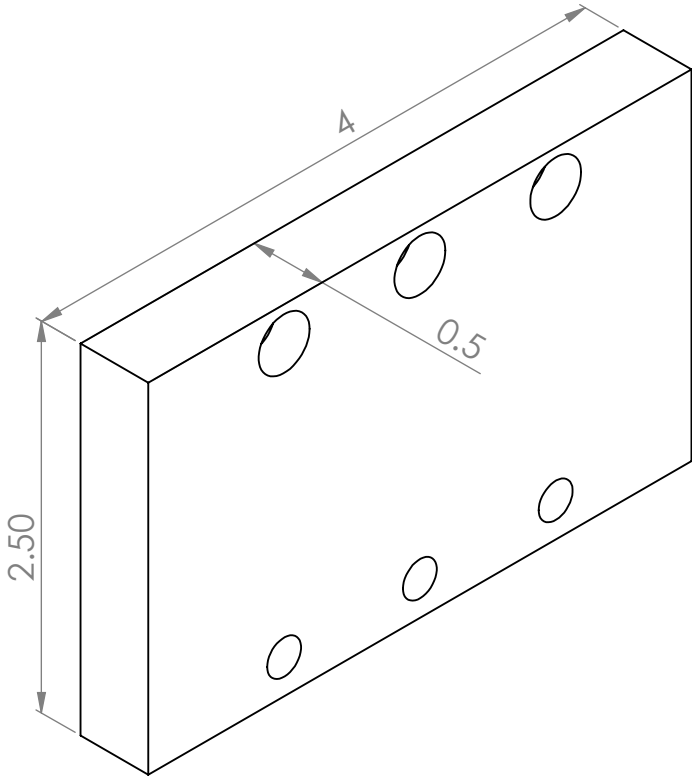
DETAIL B
SCALE 1 : 2



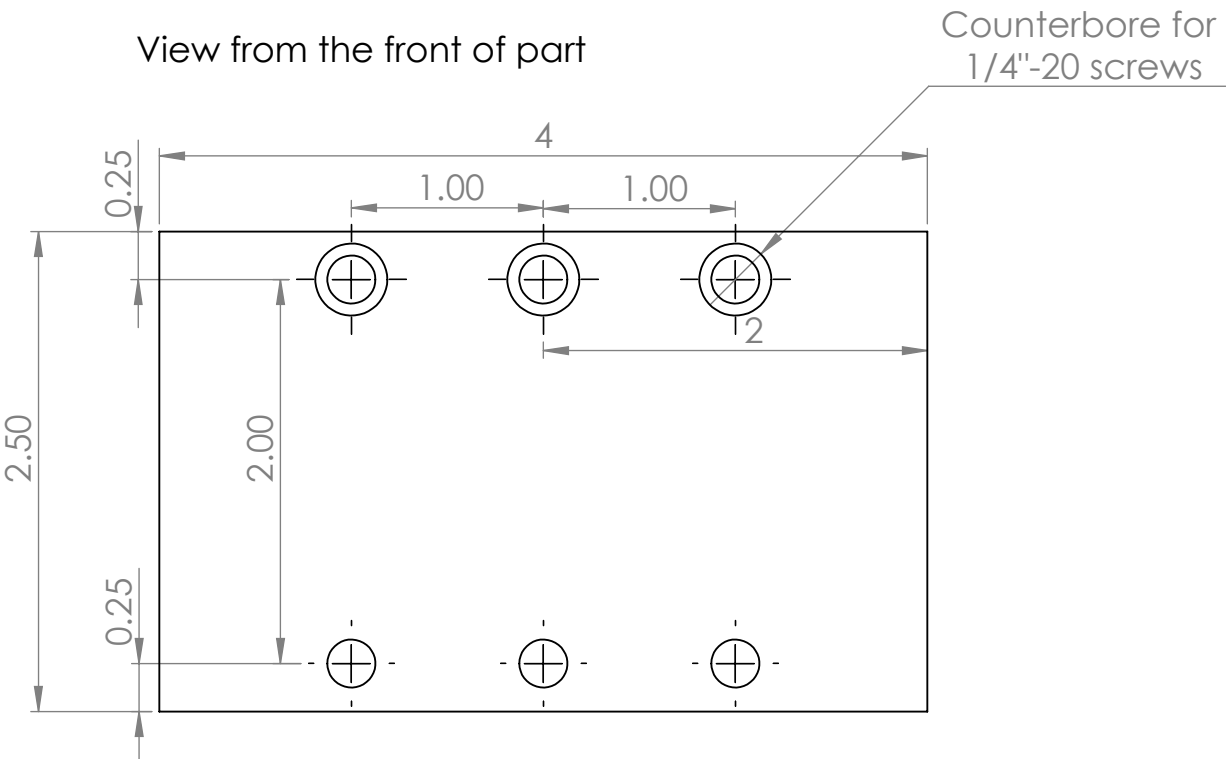
SECTION C-C
SCALE 1 : 2

Notes:
Each end has 3x 1/4"-20 threaded holes centered and positioned 1" apart
Mill outer rectangle in center of the part until 1/8" of metal remains
Mill inner rectangle through all
Corners radius $\leq 1/8"$

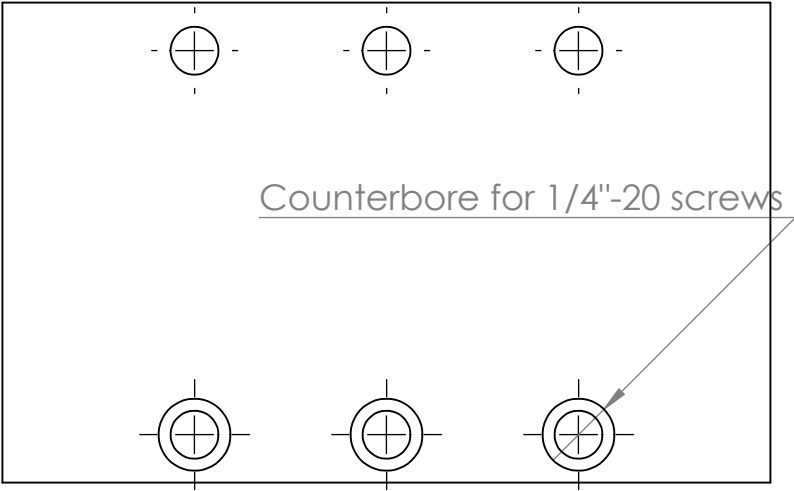
Part Name: Plate Stage B
Quantity: 2



View from the front of part



View from the back of the part



Part Name: Stage Part C
Quantity: 2

